

PTO/SB/21 (12/97)

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AP/2441  
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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application No.	09/134,272
Filing Date	August 14, 1998
First Named Inventor	Zifei Peter Wang
Group Art Unit	2741
Examiner Name	Angela A. Arms
Total Number of Pages in This Submission	8
Attorney Docket Number	003239.P010

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### ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment / Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input checked="" type="checkbox"/> After Final	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> To Convert a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address	<input type="checkbox"/> Additional Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/>
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Small Entity Statement	<input type="checkbox"/>
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Request for Refund	<input type="checkbox"/>
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
	Remarks	

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	William W. Schaal, Reg. No. 39,018 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Signature	
Date	November 13, 2000

### CERTIFICATE OF MAILING/TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class mail with sufficient postage in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on:

November 13, 2000

Typed or printed name	Maria N. Sausedo
Signature	
Date	November 13, 2000

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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**FEE TRANSMITTAL**  
for FY 2000

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$)

80.00

**Complete if Known**

Application No.	09/134,272
Filing Date	August 14, 1998
First Named Inventor	Zifei Peter Wang
Examiner Name	Angela A. Armstrong
Group/Art Unit	2741
Attorney Docket No.	003239.P010

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**METHOD OF PAYMENT** (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number

Deposit Account Name

Charge Any Additional Fee(s) Required  
Under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.

Applicant claims small entity status.  
See 37 CFR 1.27.

2.  Payment Enclosed:

Check  Credit card  Money Order  Other

**FEES CALCULATION****1. BASIC FILING FEE**

Large Entity	Small Entity	Fee	Fee	Fee	Fee Description	Fee Paid
Code		(\$)	Code	(\$)		
101	710	201	355	Utility filing fee	<input type="text"/>	
106	320	206	160	Design filing fee	<input type="text"/>	
107	490	207	245	Plant filing fee	<input type="text"/>	
108	710	208	355	Reissue filing fee	<input type="text"/>	
114	150	214	75	Provisional filing fee	<input type="text"/>	
<b>SUBTOTAL (1)</b>					<b>(\$)</b>	<input type="text"/>

**2. EXTRA CLAIM FEES**

Total Claims	19	-	20	=	<input type="text"/>	X	18.00	=	0
Independent Claims	5	-	4	=	<input type="text"/>	X	80.00	=	\$80.00
Multiple Dependent									<input type="text"/>

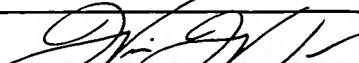
\*\*or number previously paid, if greater. For Reissues, see below

Large Entity	Small Entity	Fee	Fee	Fee	Fee Description	Fee Paid
Code		(\$)	Code	(\$)		
103	18	203	9	Claims in excess of 20	<input type="text"/>	
102	80	202	40	Independent claims in excess of 3	<input type="text"/>	
104	260	204	135	Multiple Dependent claim, if not paid	<input type="text"/>	
109	80	209	40	**Reissue independent claims over original patent	<input type="text"/>	
110	18	210	9	**Reissue claims in excess of 20 and over original patent	<input type="text"/>	
<b>SUBTOTAL (2)</b>					<b>(\$)</b>	<b>80.00</b>

**3. ADDITIONAL FEE**

Large Entity	Small Entity	Fee	Fee	Fee	Fee Description	Fee Paid
Code		(\$)	Code	(\$)		
105	130	205	65	Surcharge - late filing fee or oath	<input type="text"/>	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	<input type="text"/>	
139	130	139	130	Non-English specification	<input type="text"/>	
147	2,520	147	2,520	For filing a request for reexamination	<input type="text"/>	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	<input type="text"/>	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	<input type="text"/>	
115	110	215	55	Extension for response within first month	<input type="text"/>	
116	390	216	195	Extension for response within second month	<input type="text"/>	
117	890	217	445	Extension for response within third month	<input type="text"/>	
118	1,390	218	695	Extension for response within fourth month	<input type="text"/>	
128	1,890	228	945	Extension for response within fifth month	<input type="text"/>	
119	310	219	155	Notice of Appeal	<input type="text"/>	
120	310	220	155	Filing a brief in support of an appeal	<input type="text"/>	
121	270	221	135	Request for oral hearing	<input type="text"/>	
138	1,510	138	1,510	Petition to institute a public use proceeding	<input type="text"/>	
140	110	240	55	Petition to revive - unavoidable	<input type="text"/>	
141	1,240	241	620	Petition to revive - unintentional	<input type="text"/>	
142	1,240	242	620	Utility issue fee (or reissue)	<input type="text"/>	
143	440	243	220	Design issue fee	<input type="text"/>	
144	600	244	300	Plant issue fee	<input type="text"/>	
122	130	122	130	Petitions to the Commissioner	<input type="text"/>	
123	130	123	130	Petitions related to provisional applications	<input type="text"/>	
126	180	126	180	Submission of Information Disclosure Stmt	<input type="text"/>	
581	40	581	40	Recording each patent assignment per property (times number of properties)	<input type="text"/>	
146	710	246	355	Filing a submission after final rejection (37 CFR 1.129(a))	<input type="text"/>	
149	710	249	355	For each additional invention to be examined (37 CFR 1.129(b))	<input type="text"/>	
179	710	126	355	Request for Continued Examination (RCE)	<input type="text"/>	
169	900	169	900	Request for expedited examination of a design application	<input type="text"/>	
Other fee (specify)					<input type="text"/>	
Other fee (specify)					<input type="text"/>	
* Reduced by Basic Filing Fee Paid					<b>SUBTOTAL (3)</b>	
					<b>(\$)</b>	

Complete (if applicable)

Name (Print/Type)	William W. Schaal	Registration No. (Attorney/Agent)	39,018	Telephone	(714) 557-3800
Signature				Date	11/13/00

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No.: 003239.P010

6/A  
mjs  
11-22-00

In re Application of:

**Zifei Peter Wang**

Application No.: 09/134,272

Filed: August 14, 1998

For: **VOICE ACTIVITY DETECTOR FOR  
PACKET VOICE NETWORK**

Examiner: A. Armstrong

Art Group: 2741

BOX AF  
Assistant Commissioner for Patents  
Washington, DC 20231-9998

Sir:

Please amend the above entitled application as follows:

IN THE CLAIMS:

Please add claim 19.

1        19. (New) A method for enhancing voice activity detection comprising:  
2            a.) determining an average peak-to-mean ratio ( $APMR_k$ )  
3            b.) determining a maximum average peak-to-mean ratio ( $APMR_{max}$ )  
4            c.) determining a minimum average peak-to-mean ratio ( $APMR_{min}$ )  
5            d.) determining a peak-to-mean likelihood ratio ( $PMLR_k$ ) defined as:

$$PMLR_k = \frac{(APMR_{max} - APMR_k)}{(APMR_{max} - APMR_{min})}; \text{ and}$$

11/20/2000 AWONDAF1 00000064 09134272

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